

AMENDMENTS

Listing of Claims

The following listing of claims replaces all previous listings or versions thereof:

1. (Previously presented) An isolated DNA segment encoding a murine MURF-1 polypeptide.
2. (Canceled)
3. (Previously presented) The DNA segment of claim 1, wherein the MURF-1 polypeptide has the sequence of SEQ ID NO:2.
4. (Presently amended) The DNA segment of claim 3, wherein the MURF-1 DNA segment has the sequence of SEQ ID NO:1, ~~the MURF-2 DNA segment has the sequence of SEQ ID NO:3, and the MURF-3 DNA segment has the sequence of SEQ ID NO:5.~~
5. (Original) The DNA segment of claim 1, wherein the DNA segment is positioned under the control of a promoter.
6. (Previously presented) The DNA segment of claim 5, wherein the promoter is not a native MURF-1, MURF-2 or MURF-3 promoter.
7. (Canceled)
8. (Original) The DNA segment of claim 5, further comprising a polyadenylation signal.
9. (Original) The DNA segment of claim 5, further comprising an origin of replication.
10. (Previously presented) The DNA segment of claim 9, wherein the DNA segment is comprised within a viral vector.

11. (Previously presented) The DNA segment of claim 10, wherein the DNA segment is comprised within a non-viral vector.
12. (Previously presented) A host cell comprising a DNA segment that encodes a murine MURF-1 polypeptide, wherein said DNA segment comprises a promoter heterologous to the murine MURF-1 coding region.
13. (Original) The host cell of claim 12, further defined as a prokaryotic host cell.
14. (Original) The host cell of claim 12, further defined as a eukaryotic host cell.
15. (Canceled)
16. (Original) The host cell of claim 14, wherein the host cell is a secretory cell.
17. (Previously presented) The host cell of claim 12, wherein the MURF-1 polypeptide has the sequence of SEQ ID NO:2.
18. (Previously presented) A method of using a host cell comprising an expression cassette comprising a polynucleotide encoding a murine MURF-1, MURF-2 or MURF-3 polypeptide and a promoter active in said host cell, said promoter directing the expression of said polypeptide, said method comprising culturing the host cell under conditions suitable for the expression of the murine MURF-1, MURF-2 or MURF-3 polypeptide.
- 19-115. (Canceled)